DOCUMENT RESUME

ED 388 524 SE 056 750

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TITLE Marvels of Science: 50 Fascinating 5-minute Reads.
REPORT NO ISBN-1-56308-159-8
PUB DATE 94
NOTE 238p.
AVAILABLE FROM Libraries Unlimited, Inc., P.O. Box 6633, Englewood, CO 80155-6633.
PUB TYPE Books (010) -- Guides - Classroom Use - Teaching Guides (For Teacher) (052)

EDRS PRICE Document Not Available from EDRS.
DESCRIPTORS *Content Area Reading; *Discovery Processes; Elementary Secondary Education; *Inventions; Science Education; *Science History; *Scientists; Short Stories

ABSTRACT

This book is a collection of 50 stories of the people, events, and processes that give us our rich scientific heritage with the goal of fostering an appreciation for the process of science and for the great variety of personalities that have graced the world of science. In addition to the actual text, each story in this book contains focusing and exploratory questions, references, and topics that link back to curriculum themes in order to assist the integration of these stories into the science curriculum. The scientists studied in these stories includes: Archimedes; Galileo Galilei; Evangelista Torricelli; Sir Isaac Newton; Robert Boyle; Count Rumford; Sophie Germain; Albert Michelson; Shirley Jackson; Benjamin Franklin; Thomas Edison; Wilhelm Roentgen; Samuel Morse; Alexander Graham Bell; Guglielmo Marconi; James Watt; Berta and Karl Benz; Robert Goddard; Orville and Wilbur Wright; Roger Bacon; Antoine Lavoisier; Joseph Priestley; Amedeo Avogadro; Charles Goodyear; Charles Gerhardt; Robert Chesebrough; Dmitri Mendelyeev; Marie Curie; Dorothy Hodgkin; James Wright; Bette Nesmith; Spencer Silver; Charles Darwin; Louis Pasteur; Florence Sabin; Eugenie Clark; Gregor Mendel; T. H. Morgan; George Beadle; Barbara McClintock; Karl Landsteiner; Frederick Banting; Alexander Fleming; Jewell Cobb; Nicolaus Copernicus; Maria Mitchell; James Hutton; Jean Louis Agassiz; and George Washington Carver. (JRH)

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